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\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to  
Federal Agencies

August 2, 2005

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**Attn: Mail Stop Amendment**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application  
Application No. 09/677,574; Filed: October 3, 2000  
For: **High Fidelity Polymerases and Uses Thereof**  
Inventors: Yang *et al.*  
Our Ref: 0942.4500004/RWE/BJD/AWL

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Form PTO-2038 Credit Card Payment Form in the amount of \$120.00;
2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
3. Amendment and Reply Under 37 C.F.R. § 1.111; and
4. One (1) return postcard.

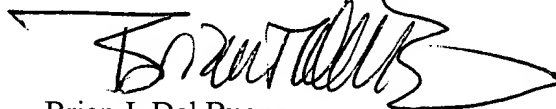
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents  
August 2, 2005  
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "Brian J. Del Buono", with a long horizontal flourish extending to the right.

Brian J. Del Buono  
Attorney for Applicants  
Registration No. 42,473

RWE/BJD/AWL:cpn  
Enclosures

426652\_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YANG *et al.*

Appl. No. 09/677,574

Filed: October 3, 2000

For: **High Fidelity Polymerases and  
Uses Thereof**

Confirmation No.: 1982

Art Unit: 1652

Examiner: Hutson, Richard G.

Atty. Docket: 0942.4500004/RWE/BJD/AWL

**Amendment and Reply Under 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated **April 8, 2005**, Applicants submit the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) Each section begins on a separate sheet;
- (B) Starting on a separate sheet, a complete listing of the claims:
  - in ascending order;
  - with status identifiers; and
  - with markings in the currently amended claims; and
- (C) Starting on a separate sheet, the Remarks.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper.

However, if additional fees are due for net addition of claims, or if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required are hereby authorized to be charged to our Deposit Account No. 19-0036.